AUTODOC CLUB

How to change air filter on **BMW E39 touring** – replacement guide

VIDEO TUTORIAL

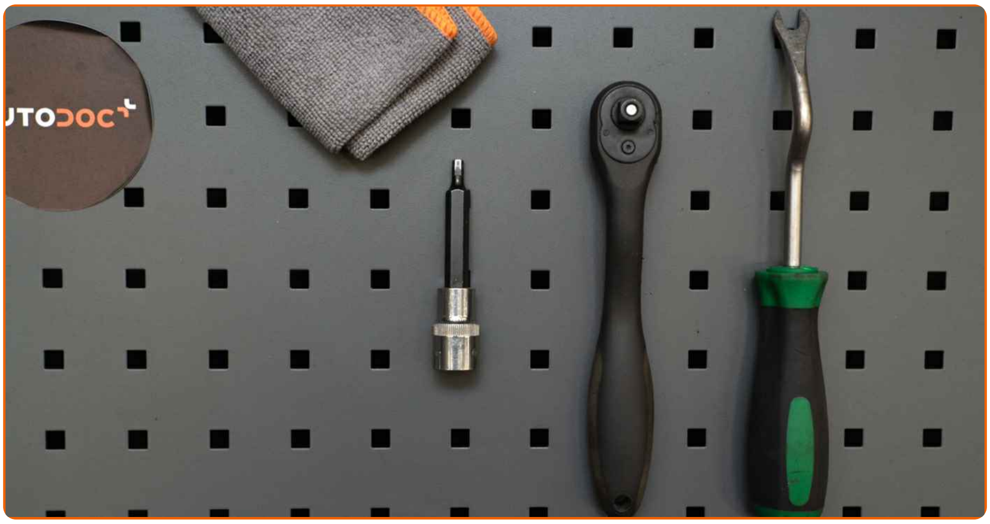


Important!

This replacement procedure can be used for:
BMW 7 (E38) 730d 2.9, BMW 5 Saloon (E39) 530d 3.0, BMW 5 Touring (E39) 530d 3.0, BMW 7 (E65, E66, E67) 730d 3.0, BMW X5 (E53) 3.0 d, BMW 3 Saloon (E46) 330d 2.9, BMW 3 Touring (E46) 330d 2.9, BMW 5 Saloon (E39) 525d 2.5, BMW 5 Touring (E39) 525d 2.5, BMW 3 Touring (E46) 330xd 2.9, BMW 3 Saloon (E46) 330xd 2.9, BMW 3 Coupe (E46) 330Cd 3.0, BMW 5 Saloon (E60) 530d 3.0, BMW 3 Saloon (E46) 330d 3.0, BMW 3 Saloon (E46) 330xd 3.0, (+ 32)

The steps may slightly vary depending on the car design.

REPLACEMENT: AIR FILTER – BMW E39 TOURING. TOOLS YOU MIGHT NEED:



- HEX bit No.H5
- Ratchet wrench
- Clip removal tool
- Microfibre towel
- Fender cover

BUY TOOLS

Replacement: air filter – BMW E39 touring. AUTODOC experts recommend:

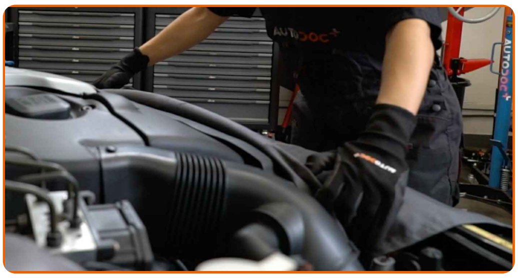
- Follow the terms, recommendations and requirements of the part operation provided by the manufacturer.
- All work should be done with the engine stopped.

REPLACEMENT: AIR FILTER – BMW E39 TOURING. TAKE THE FOLLOWING STEPS:

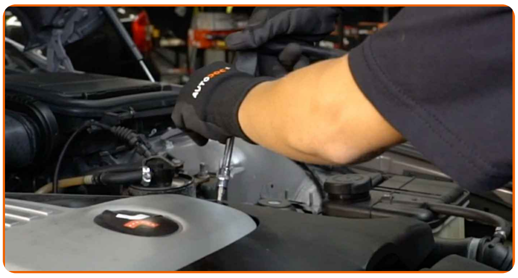
1 Open the hood.



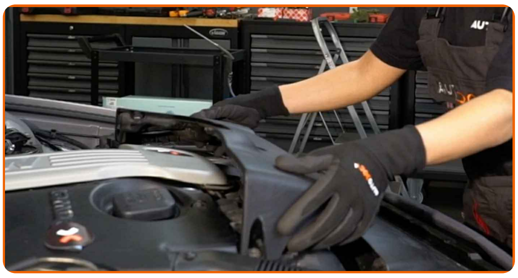
2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Unscrew the engine cover fastener. Use HEX No.H5. Use a ratchet wrench.



4 Remove the engine cover.



AUTODOC recommends:

- Replacement: air filter – BMW E39 touring. Do not use excessive force when removing the part as this may damage it.

5 Remove the fasteners of the air duct housing. Use a clip removal tool.



6 Detach the air duct housing from the air filter housing. Use a clip removal tool.



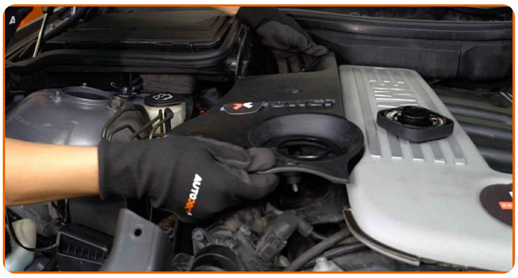
7 Unscrew the engine cover fastener. Use HEX No.H5. Use a ratchet wrench.



8 Unscrew the oil filler plug.



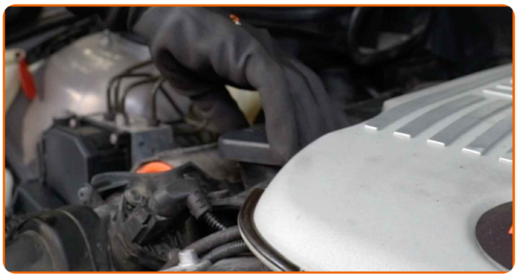
9 Remove the engine cover.



Replacement: air filter – BMW E39 touring. Tip:

- Do not apply excessive force when removing the part. Otherwise you may damage it.

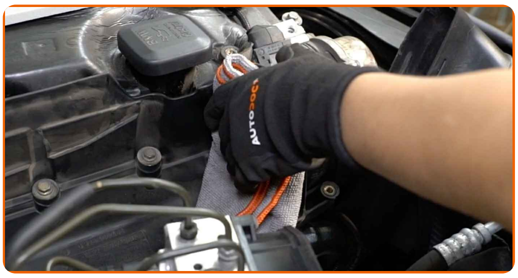
10 Tighten the oil filler cap.



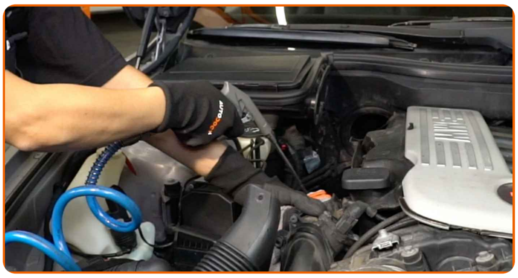
11 Remove the filter element from the filter housing.



12 Cover the air intake hose with a microfibre towel to prevent dust and dirt from getting into the system.



13 Clean the air filter cover and housing.



Replacement: air filter – BMW E39 touring. Tip from AUTODOC:

- Before cleaning the air filter cover and housing, cover the air duct parts, mass airflow sensor (if available), throttle valve with a clean cloth.

14 Remove the microfibre towel from the air intake hose.



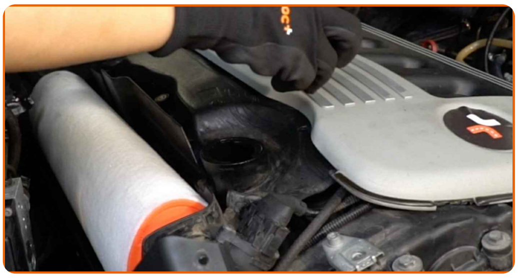
15 Insert a new filter element into the filter housing. Make sure that the filter edge fits tight to the housing.



AUTODOC recommends:

- Replacement: air filter – BMW E39 touring. Be sure to position the filtering element correctly. Avoid misalignment.
- Take care to only use quality filters.
- During installation, make sure to prevent dust and dirt from getting into the air filter housing.

16 Unscrew the oil filler plug.



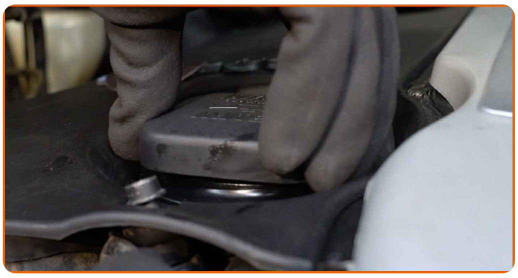
17 Install the engine cover and secure it.



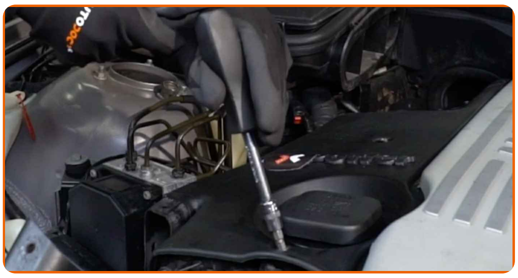
AUTODOC recommends:

- Replacement: air filter – BMW E39 touring. Do not use excessive force during installation. This may damage the fasteners.

18 Tighten the oil filler cap.



19 Screw in the engine cover fasteners. Use HEX No.H5. Use a ratchet wrench.



20 Install the air duct housing.



21 Install the air duct housing fasteners.



22 Install the engine cover and secure it.



Replacement: air filter – BMW E39 touring. AUTODOC experts recommend:

- When installing, do not use excessive force to avoid damage to the part.

23 Screw in the engine cover fasteners. Use HEX No.H5. Use a ratchet wrench.



24 Remove the fender protection cover.



25 Close the hood.



WELL DONE!

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